



In re Patent Application of

von BORSTEL et al

Atty. Ref.: 1331-408

Serial No. 10/601,863

TC/A.U.: 1614

Filed: June 24, 2003

Examiner: Unassigned

For: PYRIMIDINE NUCLEOTIDE PRECURSORS FOR TREATMENT ...

\* \* \* \* \*

May 6, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, and supplemental to the IDS filed June 24, 2003, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. Copies are attached. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

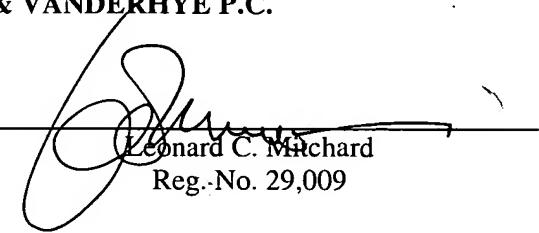
In the PTO 1449 which accompanied the IDS filed June 24, 2003, the reference to "80/03838" should have read "89/03838". Attached is a corrected PTO 1449 showing that correction. A copy of that reference is also attached. It is requested that the attached corrected PTO 1449 be substituted for the PTO 1449 attached to the IDS dated June 24, 2003.

The Examiner is requested to initial the attached PTO-1449 forms and to return a copy of the initialed documents to the undersigned as an indication that the listed references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

  
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## **INFORMATION DISCLOSURE CITATION**

ATTY. DOCKET NO.

SERIAL NO.

1331-408

10/601,863

van RORSTEL et al.

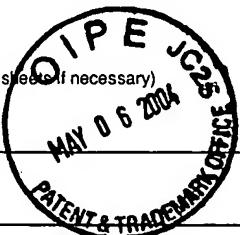
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FILING DATE

TG/A II

June 24, 2003

1614



(Use several sheets if necessary)

## **U.S. PATENT DOCUMENTS**

**\*EXAMINER**

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

\*Examiner

### Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.  1331-408	SERIAL NO.  Unassigned
		APPLICANT  von BORSTEL et al	
(Use several sheets if necessary)		FILING DATE  June 24, 2003	GROUP  Unassigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE		
				CLASS	SUBCLASS	IF APPROPRIATE
	3,161,565	12/1964	Vigneron			
	4,874,602	10/1989	Calabresi et al			
	3,868,451	02/1975	Stein et al			
	4,757,139	07/1988	Kawaguchi et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	TRANSLATION		
			CLASS	SUBCLASS	YES      NO
94/13687	06/1994	WO			
WO 89/03837	05/1989	PCT			x
WO 89/03838	05/1989	PCT			x
1 297 398	11/1972	Great Britain			x
60-174797	02/1984	Japanese (Abstract)			x

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

Derwent Abstract No. 91-212578 of Japanese Publication JO 3135918 (Ajinomoto) (1991)
Aderka et al, "Med Hypotheses", (1988), 27:193-6
Arai M. et al, "Hepatology" (1989) 9:846-851
Bowers et al., "J. Surg. Res." (1989) 47:183-8
Cerra et al, in "Molecular and Cellular Mechanisms of Septic Shock" 265-277, Alan R, Liss (1989)
Clark et al, "Am. J. Pathol." (1987), 129:192-9
Echtenacher et al, "J. Immunol." 145:3762-3766 (1990)
Engelhardt, R. et al, "Cancer. Res." (1991), 51:2524-30
Farrar and Corwin, Ann. "N.Y. Acad. Sci." 133:668-684 (1966)
Galanos et al, "PNAS", 76:5939-5943, (1979)
Gut et al, "J. Infect. Disease." (1984) 149:621
Halacheva et al, "Toxicon" (1988), 26:571-576
Havell, "J. Immunol." 139:4225-4231 (1987)
Kang et al, "J. Histochem. Cytochem." (1988), 36:665-678
Kilpatrick et al, "Metabolism" (1989) 38:73-7
Kimura et al, "Cancer, Chemother, Pharmacol" (1987); 20:223-9
Lomanto et al, "Anesth. Analg." (1972), 51:264-270
Markley et al, "J. Trauma" 10:598-607, (1970)
McClain CJ and Cohen DA, "Hepatology" (1989) 9:349-351
Nolan JP, "Gastroenterology" 69:1346-1356 (1975)
Nolan, JP, "Hepatology" (1989), 10:887-91
Nolan JP and Leibowitz AI, "Gasterenterology" (1978), 75:445-9
O'Sullivan, "Aust. N.Z. J. Med.", (1973) 3:417-422
Pappo et al, "J. Surg. Res." (1991) 51:106-12
Pates et al, "Farmakol Toksikol" (1968), 31:717-719
Rosenthal et al, "Toxicology" 56:239-251 (1989)

*Examiner		Date Considered
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<b>INFORMATION DISCLOSURE CITATION</b>		<b>ATTY. DOCKET NO.</b>	<b>SERIAL NO.</b>
		1331-408	Unassigned
		<b>APPLICANT</b>	
		von BORSTEL et al	
(Use several sheets if necessary)		<b>FILING DATE</b>	<b>GROUP</b>
		June 24, 2003	Unassigned

Seljelid, "Scand. J. Immunol." (1989), 29:181-92
Shafer et al "Gastroenterology" (1961), 40:782-784
Shirai et al "Acta Pathol. Jpn." (1987) 37:1127-1134
Taki et al "Eur. Surg. Res." (1985), 17:140-9
Tiegs et al "J. Clin. Invest." (1992) 90:196-203
Van Bladel et al "Cytokine" (1991) 3:149-54
Van Groeningen et al "Proceedings of the AACR" (1987), 28:195
Van Groeningen et al "Cancer Tret Rep." (1986), 70:745-50
Viens et al "J. Immunother" (1992), 11:218-24
Von Euler et al "J. Bol. Chem." (1963), 238:2464-2469
Wang et al "Arch. Surg." (1991), 126:219-224
Martin et al, J. Pharm. Sci., V. 76, No. 2 (February 1987) p. 180-183 "Synthesis and Antiviral Activity of Various Esters of 9-[1,3-Dihydroxy-2-propoxy]methyl]guanine"
Casida et al, Biochemical Pharmacology, V. 15, (1966) p. 627-664 "3',5'-Diesters of 5-Fluoro-2'-Deoxyuridine and Thymidine: Hydrolysis by Esterases in Human, Mouse, and Insect Tissue"
Ensminger et al, Biochemical Pharmacology, V. 28 (1979) p. 1541-1545 "Thymidine 5'-O-Pivolate: A Prodrug Derivative of Thymidine with Potential Applications in High-Dose Methotrexate Therapy"
Martin et al, Cancer Research, V. 42 (October 1982) p. 3964-3970 "High-Dose 5-Fluorouracil with Delayed Uridine 'Rescue' in Mice"

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